Technical Datasheet
LabelManager™ Wireless PnP

Features

- Share with others in your wireless network - easy setup
- Customize labels with any fonts or graphics on your computer through the PC or Mac®* connection - *Compatible with Windows® XP, Windows Vista®, Windows® 7, Windows® 8, Mac OS® X 10.5 or later - Intel® only

- Print crystal-clear graphics, barcodes, and logos at 300 dpi resolution
- Make multi-label printing easier with automatic label cutter
- Create a wide variety of DYMO D1 labels in 1/4", 3/8", 1/2", 3/4" and 1" widths and multiple colors (6, 9, 12, 19 and 24 mm)
- Perfect for labeling archives, shelving, office equipment, file folders and more
- Battery pack recharges via USB connection (plugged into computer or via wall outlet) - no power adapter or AA batteries needed
- No software to install – plug and play functionality for immediate out-of-box use* *When USB is plugged into the computer
- Single USB cord carries data and power for less clutter
- Prints barcodes: QR Codes, UPC-A, UPC-E, Code-39, Code-39 Library, Code-128, EAN 8, EAN 13, Codabar, Codabar Library, UCC/EAN 128, ITF-14
- DYMO Label Software allows for batch printing from external files – Compatible with Windows® XP, Windows Vista®, Windows® 7, Windows® 8, Mac OS® X 10.5 or later - Intel® only
- DYMO Label Software contains a silent installer allowing for easy deployment to workstations within an enterprise network
- Package includes electronic label maker, rechargeable battery pack, USB cable, D1 starter label cassette black on white 1" x 10' 24 mm x 3 m, Quick Start Card and Quick Reference Guide, USB power adapter and 1-Year Limited Warranty Card
- Uses 1/4", 3/8" and 1/2", 3/4", and 1" DYMO D1 labels (6, 9, 12, 19 and 24 mm)

FEATURES		
Printing	Print type: Thermal transfer / Direct thermal	Thermal transfer
	Printing: Surface / Laminated	Laminated
	Print resolution	300 dpi
	Max print height	19.1 mm
	Nbr of print lines	unlimited
	Print speed	15 mm/s
	Tape widths	6, 9, 12, 19, 24 mm / ¼", 3/8", ½", ¾", 1"
	Cassette type	D1
Software	Nbr of styles	Windows/Mac
	Nbr of fonts	Windows/Mac
	Barcode	QR Codes, UPC-A, UPC-E, Code-39, Code-39 Library, Code-128, EAN 8, EAN 13, Codabar, Codabar Library, UCC/EAN 128, ITF-14
	Date/time	DLS
	Autonumbering	DLS
Tape cut	Manual	x
	Automatic	x
Tape width detection		Detection but need selection
Computer connection	PC	PC and Macintosh
PC connection	USB	x
Wireless		x
Power		Lithium –Polymer rechargeable battery pack and Charging adapter
Dimensions	Width	56,5 mm
	Depth	144 mm
	Height	162 mm
Weight	Excl batteries+cassette	611 gr
Included in packaging		Electronic label maker, rechargeable battery pack, USB cable, D1 started label cassette black on white 24 mm x 3 m, Quick Start Card and Quick Reference Guide, Charging Adapter, Warranty Card

Wi-Fi coverage

Networking Standard

- 802.11b/g
- NOT 8.2.11n

Operating frequency

2.4 GHz

Security Protocols supported

Authentication Type	Encryption Types
Open	None
	WEP 64
	WEP 128
Shared	WEP 64
	WEP 128
WPA Personal	TKIP
	AES
WPA2 Personal	TKIP
	AES
WPA Enterprise	PEAP/MS-ChapV2
WPA2 Enterprise	PEAP/MS-ChapV2

Validated routers list

Note to consumers: this list is represents many of the routers in market, but is **not exclusive**, meaning there are many other routers which we work with, but just not specifically validated against.

Manufacturer	Model Numbers
Apple AirPort	Express
Asus RT-N56U Wireless-N Dual-band Gigabit Router	RT-N56U2/RT-N56U
Belkin Play N750 DB Wireless dual-band N+ router	N750B
Belkin Surf+ Wireless router	F7D2301 v1
Cisco 1262N Router	Cisco 1262N
Cisco 800 Series Router	Cisco 861-W
Cisco Linksys E4200 Maximum Performance Dual-Band N Router	E4200 v2
D-link DIR-655 Extreme N gigabit router	DIR-655
D-link Wireless N300 Home Router	DIR-615
Draytek Vigor ADSL2/2++ Security Firewall with 802.11n	VIGOR2820Vn
Linksys Dual-band Wireless-N Access Point	WAP610N-EU
Linksys Dual-Band Wireless-N Gigabit router	WRT320N
Netgear N750 Wireless Dual Band Gigabit Router WNDR 4000	WNDR4000-100PES
	WNDR4000
Netgear N900 Wireless Dual Band Gigabit Router WNDR 4500	WNDR4500
Netgear R6300 Wifi Router 802.11 ac	R6300-100PES
Sitecom X4 wireless gigabit router 300N	WLR-4000 v1 001
Sitecom X6 wireless gigabit router 450N	WLR-6000 v1 001

TP-link 300Mbps Ultimate Wireless N Gigabit Router	TL-WR1043ND
TP-link TL-WR2543N Dual Band Router	TL-WR2543N
ZyXel 802,11g Wireless ADSL2+ 4-port Security Gateway P-662HW Series	P-662HW-D3

1 stored configuration

One wireless network is automatically stored for automatic recognition. So once the LabelManager Wireless PnP is installed on your network you will not have to do it again unless wanting to use a different network.

Power Supply

Provided with the machine is a Li-Polymer rechargeable battery, a USB cable and a wall plug.

Battery

This is the exact same battery as the LabelManager 500TS SKU 1814308. This battery will be sold on DYMO.com and be available via the contact center.

The printer will normally operate using power provided by the internal Li-Polymer rechargeable battery.
Note: On the first batch of printers we can only guarantee optimal wireless print quality when plugged into the wall outlet. The printer will operate when running wirelessly via battery pack but the user may experience print quality issues.

Battery life / standby time

The machine's current consumption in the OFF state, when inserting a fully loaded battery, after 6 months, still 2/3 of total capacity will be left over.
When the battery pack is fully charged, it will be possible to print (5) cassettes (standard PET).
If the printer does not respond when plugged in to a USB port the battery may be empty. It will take 5 to 6 hours to fully charge an empty battery again, but after 15 minutes of charging the user will be able to print 1.5 m of tape. Also note that charging of the battery is needed after an extended period of no use.

Use case	Life	Conditions / remarks
WiFi printing with USB charging adapter connected	practically unlimited (charging is faster than draining)	24mm, default fonts, normal text-label, normal use
standalone WiFi printing	up to 6 tape cassettes	24mm, default fonts, normal text-label, normal use
Printer in OFF state	100 days	from fully loaded battery to 20% capacity

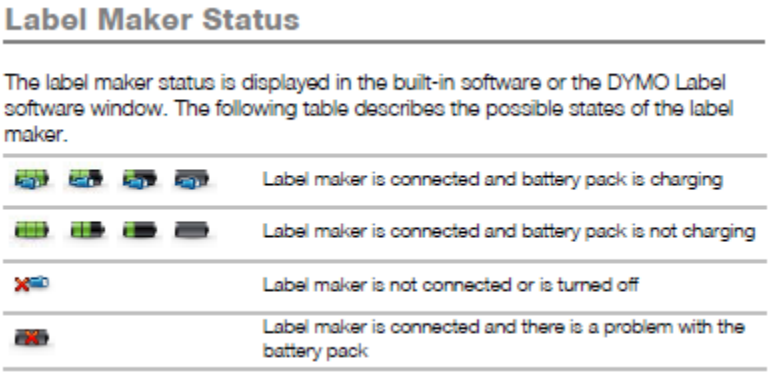
Charging times

Use case	Time	Conditions / remarks
Charging from USB charging adapter	2,5 hrs	from 20% capacity of battery pack to fully loaded, charging only (printer OFF)

Charging from USB port	10 hrs	from 20% capacity of battery pack to fully loaded, not recommended

Battery indication

An annunciator in the software indicates the load level of the battery pack. Additional information can be found in the Application Software Specification.



Label Maker Status

The label maker status is displayed in the built-in software or the DYMO Label software window. The following table describes the possible states of the label maker.

	Label maker is connected and battery pack is charging
	Label maker is connected and battery pack is not charging
	Label maker is not connected or is turned off
	Label maker is connected and there is a problem with the battery pack

USB Cable and plug

The USB cable and wall plug are specific to the LabelManager WPnP and included in the packaging. These two items will be offered for replacement as a bundle sellable via DYMO.com or available via the contact center.

SKU	Item Name	EAN Number
1881983	USB Cable & Adapter Bundle EU	3501178819830
1881984	USB Cable & Adapter Bundle UK/HK	3501178819847
1881985	USB Cable & Adapter Bundle AUS/NZ	3501178819854
1881896	USB Cable & Adapter Bundle US	3501178819861

The USB cable supplied with the printer is for charging the battery and communication between the computer and the printer. It will not be possible to print when Li-Ion batteries are empty and the USB cable is connected.

Note: Only the USB cable included with the LabelManager Wireless PnP can be used for this product. This is an extra thick USB cable, others will not be sufficient and can cause damage to the printer or danger for the user.

USB Cable Specifications	
Length	Maximum 1,80 meter
Type	Standard A to B
Power section (wire thickness)	AWG20
Data section (wire thickness)	AWG28
EMI suppression	ferrite bead on B connector side (printer side)

Software features updated in DLS 8.5 and DLL 4.5

DLL	DLS
Auto cut between labels	Tape Width Indicator
Font Preview in Font selection	Add Network Printer wizard
DYMO.COM Registration Link	
Wifi Configuration Wizard	

FAQ

Issue	FAQ Answer	Tech Note
Why is wireless turned off on my LM Wireless PnP printer when connected to a computer's USB port?	Because wireless connectivity drains the battery quickly, wireless capability it turned off while connected to your computer via USB. Disconnect the printer from your computer and connect the USB cable to the charging adapter once the printer has been configured to the wireless network.	
Why is my battery draining so quickly?	Wireless connectivity takes a lot of power. Connect the printer to the USB charging adapter when using it wirelessly.	
Why is the print quality on my labels not very good when printing wirelessly?	Print quality issues can occur when using the printer wirelessly without being plugged into the wall adapter. Plug the printer into the USB charging adapter.	
On a Mac, when several users are printing multiple label print job over the wireless connection, printed labels may be intermingled.	N/A	Because of the way DYMO Label software works on the Mac, each label printed is treated as a separate print job. So when two or more users print multiple labels to the printer wirelessly at the same time, the labels can become intermingled as they are printed.
Why doesn't my wireless printer show up in the Add Network Printer utility?	It can take a few minutes for the wireless printer to show up in the Add Network Printer utility. If the printer still doesn’t show up in the printer list after a few minutes, close the dialog box and try again.	
Why can't I see my wireless configuration settings from the Advanced tab in the Configuration tool?	When you plug the wireless printer into your computer, the wireless function on the printer is shut down. After starting the Wireless Setup Tool in DYMO Label Light and selecting the Advanced tab, it can take a few minutes for the	

	wireless function to start up again on the printer. Wait until the blue status light on the printer is sold blue before selecting the Advanced tab.	
Does the LM Wireless PnP printer support 802.11n?	Not at this time. Only 802.11b and 802.11g are currently supported.	802.11n code is included in the software. However, it has not been fully tested and is not supported yet. The printer may automatically connect through 802.11n; however, results may be unpredictable. In this case, users should set their router for 802.11b/g.
Why doesn't the WPS button on the back of the printer work?	WPS is not supported on the first release. Check back for WPS support in future software releases.	
Does the LM Wireless PnP printer support WPS?	WPS is not supported on the first release. Check back for WPS support in future software releases.	
Can I use any USB cable with the LM Wireless PnP printer?	No, you must use the cable supplied with the printer. Or you can use a USB cable with specification as described above.	
I'm using a printer shared over Windows or Mac OS but the battery status shows disconnected. Why?	The software cannot get battery/connection status when the printer is shared over Windows or Mac OS. However, the printer is available and you can print to it.	